



**NATIONAL  
AGRICULTURAL  
STATISTICS  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr. Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Some welcome rainfall was received statewide last week. Limited in much of the commonwealth, rainfall amounts were heavier in some western areas. Rainfall for the week averaged 0.47 inches statewide, which is 0.39 inches below normal. The largest rainfall amount reported from a weather station was Princeton at 2.83 inches. The break from the oppressive heat also continued. Kentucky weather for the past week was typical for this time of year and both day and nighttime temperatures averaging at or close to normal. **Topsoil moisture** was rated 13 percent very short, 40 percent short, 45 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 10 percent very short, 36 percent short, 52 percent adequate and 2 percent surplus. There were 6.3 days out of a possible 7 that were suitable for fieldwork. Main farm activities for the week included topping, cutting and housing of tobacco, mowing pastures, spraying soybeans and corn silage harvest in some areas.

**ROW CROPS:** **Corn** crop condition was rated as 1 percent very poor, 6 percent poor, 28 percent fair, 49 percent good, and 16 percent excellent. Corn milked was at 80 percent. The corn crop is usually beyond this phase and last year was 100 percent complete at this time, which is very close to the average of 98 percent. Sixty-three percent of the corn has reached the dough stage, behind both 89 percent for the previous year and 83 percent for the average. Thirty-nine percent had denting, also behind the 76 percent of a year ago and 60 percent for the average. Poor pollination and seed set are a concern in some fields. Corn harvest was reported as beginning in a few early fields. **Soybean** condition was rated 1 percent very poor, 8 percent poor, 32 percent fair, 47 percent good, and 12 percent excellent. Percent of soybeans blooming was at 88 percent, which was virtually complete this time last year at 99 percent, compared with the average of 93 percent. Soybeans setting pods was at 66 percent, also behind last year at 89 percent and 78 percent for the average. Double crop beans still have a chance to yield well, if timely rains are received over the next couple of weeks.

**TOBACCO:** Burley tobacco topped was 67 percent of the crop, compared to 81 percent a year ago and the five year average of 78 percent. Percent of Burley tobacco cut was at 14 percent, compared to 25 percent last year and 23 percent for the average.

Dark tobacco topped was at 90 percent, behind the 99 percent for last year, but ahead of the average of 87 percent. Twenty-four percent of the dark tobacco was cut, just ahead of 23 percent the previous year and 20 percent for the five year average. Set tobacco condition was rated at 2 percent very poor, 10 percent poor, 31 percent fair, 44 percent good, and 13 percent excellent. No major disease problems, although presence of black shank was noted. Some producers are concerned that the lateness of the Burley crop will put downward pressure on yields.

**OTHER CROPS AND PASTURE:** **Pasture** condition was reported as 6 percent very poor, 15 percent poor, 32 percent fair, 41 percent good, and 6 percent excellent. Hay crop condition was rated at 2 percent very poor, 12 percent poor, 33 percent fair, 48 percent good, and 5 percent excellent.

## CROP PROGRESS for week ending 08/21/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Milk	80	71	100	98
Corn Dough	63	48	89	83
Corn Dent	39	28	76	60
Soybeans Blooming	88	84	99	93
Soybeans Setting Pods	66	56	89	78
Burley Tobacco Topped	67	49	81	78
Burley Tobacco Cut	14	9	25	23
Dark Tobacco Topped	90	79	99	87
Dark Tobacco Cut	24	13	23	20

## SOIL MOISTURE for week ending 08/21/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	13	40	45	2
Subsoil	10	36	52	2

## CROP CONDITIONS for week ending 08/21/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	6	28	49	16
Soybeans	1	8	32	47	12
Pasture	6	15	32	41	6
Hay Crops	2	12	33	48	5
Tobacco Set	2	10	31	44	13

## KENTUCKY WEATHER SUMMARY, AUGUST 15 - 21, 2011:

Near Normal Temperature and Below Normal Rainfall:

This past week made for the 5th week in a row with below normal rainfall. However; unlike last week the majority of rainfall that the state received fell in the west. Fortunately some of our drier counties like Christian, Todd, and Logan received the most rainfall. Temperatures across the Commonwealth did not differ much from last week, with most locations near or just below seasonal normals.

Temperatures for the period averaged 75 degrees across the state which was 0 degrees from normal and no change to the previous period. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 0 degrees from normal in the East. The extreme high temperature for the period was 95 degrees at Bowling Green and the extreme low was 46 degrees at Pikeville.

Rainfall for the period totaled 0.47 inches statewide which was 0.39 inches below normal and 55% of normal. Rainfall totals by climate division, West 0.70 inches, Central 0.57 inches, Bluegrass 0.34 inches and East 0.26 inches, which was 0.08, 0.29, 0.53 and 0.67 inches below normal. By station, rainfall totals ranged from a low of 0.00 inches at Harrodsburg to a high of 2.83 inches at Princeton.

Tom Priddy

### KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 21, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Growing Degree Days			
	=====			=====		=====			=====			
	Since	Last		Norm	Norm	Dev.			Since	Dev.		
	Last	April	Four	Since	Last	Wkly. From			Last	Apr	Since	
	Week	1	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	1	Apr 1
=====												
	(Inches)					(Degrees F)						
Bardstown	0.01	36.38	2.06	+16.71	-1.73	90	55	74.9	+1	164	2931	+279
Berea	0.02	24.53	1.64	+4.39	-2.06	88	54	72.2	-1	151	2760	+25
Bowling Gree	0.60	28.23	1.06	+7.68	-2.39	95	60	78.7	+5	180	3199	+434
Bristol	0.66	19.96	3.16	+2.75	+0.04	93	60	77.2	+4	179	3032	+502
Buckhorn Lak	0.21	31.71	3.62	+12.39	+0.05	85	56	71.6	-1	150	2704	+307
Cape Girarde	0.07	37.12	2.10	+18.13	-1.06	92	56	76.6	+1	177	3139	+230
Campbellsvil	0.90	27.52	3.30	+4.96	-1.01	87	55	72.8	-1	156	2861	+156
Covington	0.10	35.17	4.57	+16.79	+1.34	89	59	74.8	+2	168	2804	+303
Cumberland G	0.03	25.87	3.04	+4.52	-1.08	89	56	74.1	+1	165	2917	+417
Dix Dam	0.00	29.39	4.51	+9.16	+0.75	88	57	73.8	+1	162	2868	+195
Evansville	0.04	33.79	0.92	+15.38	-2.10	93	60	77.2	+1	179	3079	+313
Glasgow	0.56	30.01	6.11	+7.76	+2.18	88	58	74.5	+1	167	3028	+353
Grayson	0.40	33.85	3.11	+14.72	-0.53	87	57	72.4	-1	154	2712	+355
Hardinsburg	0.37	37.02	1.99	+16.72	-1.65	90	57	74.5	+1	165	2928	+163
Henderson	0.06	31.31	1.01	+12.47	-2.06	91	55	74.9	-1	166	3013	+217
Huntington	2.66	30.80	7.36	+11.64	+3.58	93	60	77.2	+4	179	3009	+478
Jackson	0.13	31.14	3.13	+10.77	-0.77	87	59	73.9	+1	166	2860	+463
Lexington	0.11	30.16	3.93	+10.49	+0.14	89	57	74.1	+1	163	2819	+288
London	0.13	28.86	3.20	+10.06	-0.12	87	57	73.6	+0	162	2860	+360
Louisville	0.05	34.69	3.42	+15.47	+0.00	92	64	78.1	+4	185	3240	+453
Mayfield	0.02	30.83	3.04	+10.32	-0.57	90	55	74.7	-1	165	3093	+267
Nashville	1.15	22.16	2.70	+3.03	-0.54	93	60	77.2	+3	179	3124	+164
Nolin Lake	1.42	35.82	2.62	+14.30	-1.06	90	56	74.1	+0	161	2911	+350
Paducah	0.00	36.92	1.51	+16.47	-1.70	92	56	76.5	+1	174	3173	+295
Princeton	2.83	34.90	3.95	+14.28	+0.26	91	57	76.2	+0	175	3076	+229
Quicksand	0.00	29.71	3.43	+9.34	-0.47	88	59	74.4	+1	167	2854	+457
Somerset	0.08	23.59	0.54	+2.38	-3.22	90	56	73.8	+1	159	2800	+209
Spindletop	0.12	30.51	3.93	+10.84	+0.14	90	58	74.6	+2	167	2823	+292
Williamstown	0.35	30.59	2.84	+11.20	-0.71	87	57	73.1	+0	159	2742	+211

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>